




PTO/SB/08A (08-03)

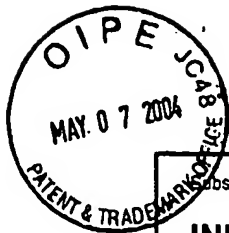
Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/602,548		
		Filing Date	June 23, 2003		
		First Named Inventor	Tang, Hongxing		
		Art Unit	2855		
		Examiner Name	Allen, Andre J.		
Sheet	1	of	3	Attorney Docket Number	009195-000520US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	1	US-3,818,328	06-18-1974	Zinn	
	2	US-4,618,901	10-21-1986	Hatakeyama et al.	
	3	US-4,816,946	03-28-1989	Kira et al.	
	4	US-5,390,061	02-14-1995	Nakatani et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	5	WO	2004/001805	A2	12-31-2004	California Institute of Technology		<input type="checkbox"/>
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Examiner Signature		Date Considered	10-20-04
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Substitute for form 1449B/PTO		Complete if Known	
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		Attorney Docket Number	009195-000520US
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	6	Abolfath, M. et al., "Theory of magnetic anisotropy in $\text{III}_{1-x}\text{Mn}_x\text{V}$ Ferromagnets," <u>Phys. Rev. B.</u> , Vol. 63, p. 054418 (2001)	
	7	Cowburn, R.P. et al., "Multijump magnetic switching in in-plane magnetized ultrathin epitaxial Ag/Fe/Ag(001) films," <u>Phys. Rev. Lett.</u> , Vol. 79, p. 4018 (1997)	
	8	Dietl, R. et al., "Hole-mediated ferromagnetism in tetrahedrally coordinated semiconductors," <u>Phys. Rev. B.</u> , Vol. 63, p. 195205 (2001)	
	9	Dietl, R. et al., "Zener model description of ferromagnetism in zinc-blende magnetic semiconductors," <u>Science</u> , Vol. 287, p. 1019 (2000)	
	10	Divincenzo, D.P., "Quantum computing and single-qubit measurements using the spin-filter effect (invited)," <u>J. Appl. Phys.</u> , Vol. 85, p. 4785 (1999)	
	11	Fukumura, T. et al., "Magnetic domain structure of a ferromagnetic semiconductor (Ga,Mn)As observed with scanning probe microscopes," <u>Physica E.</u> , Vol. 10., p. 135 (2001)	
	12	Gwo, S. et al. "Surface reconstruction and ultrasmooth morphology of high-temperature grown $\text{AlAs}(001)\text{-}3\times 2$," <u>Proc. 23rd Int. Conf. Phys. Semiconductors</u> , Berlin 1996, Scheffler, M. and R. Zimmermann, eds., World Scientific, Singapore (1996)	
	13	Hong, K. and N. Giordano, "Approach to microscopic magnetic measurements," <u>Phys. Rev.</u> , Vol. 51, No. 15, p. 9855 (1995)	
	14	Jan, J.P., "Galvanomagnetic and thermomagnetic effects in metals," in <u>Solid State Physics</u> , Seitz, F. and D. Turnbull, eds., New York Academic Press, Vol. 5, pp. 1-96	
	15	König, J. et al., "Theory of magnetic properties and spin-wave dispersion for ferromagnetic (Ga,Mn)As," <u>Phys. Rev. B.</u> , Vol. 64, p. 194423 (2001)	
	16	Ma, Z. et al., "Solid-state reaction-mediated low-temperature bonding of GaAs and InP wafers to Si substrates," <u>Appl. Phys. Lett.</u> , Vol. 64, No. 6, p. 772 (1994)	
	17	Ohno, H. et al., "Electric-field control of ferromagnetism," <u>Nature</u> , Vol. 401, p. 944 (2000)	
	18	Ono, T. et al., "Propagation of a magnetic domain wall in a submicrometer magnetic wire," <u>Science</u> , Vol. 284, p. 468 (1999)	
	19	Prinz, G., "Magnetoelectronics," <u>Science</u> , Vol. 282, p. 1660 (1998)	
	20	Sander, D. et al., "Film stress and domain wall pinning in sesquilayer iron films on W(110)" <u>Phys. Rev. Lett.</u> , Vol. 77, p. 2566 (1996)	
	21	Schmidt, G. and L.W. Mollenkamp, "Electrical spin injection using dilute magnetic semiconductors" <u>Physica E.</u> , Vol. 10, p. 84 (2001)	

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	22	Stoner, E.C. and E.P. Wohlfarth, "A mechanism of magnetic hysteresis in heterogeneous alloys," <u>Philos. Trans. R. Soc. London A</u> , Vol. 240, p. 74 (1948)	
	23	Wunderlich, J. et al., "Influence of geometry on domain wall propagation in a mesoscopic wire" <u>IEEE Trans. Magn.</u> Vol. 37, p. 2104 (2001)	

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